DZHAGATS PANYAN, R.V.; ZETKIN, V.I.; FOSFELOV, V.Ye.; FEDCHENKO, V.S.

Radiation-induced chemical sulfochlorination of polydimethylsiloxane. Plast.massy no.2s16-18 '63. (MIRA 16:2)
siloxanes) (Chlorosulfonylation) (Radiation)

EPR/EMP(j)/EPF(c)/EMT(m)/EDS AFFTC/ASB Ps-4/Pc-4/Pr-4 RM/WACCESSION NR: AP3000393 8/0191/63/000/005/0004/0007 72

AUTHOR: Dzhagatspanyan, R. V.; Zetkin, V. I.; Pospelov, V. Ye.; Fedchenko, V. S.

TITLE: Radiochemical sulfochlorination of polystyrene of sulfur dioxide, cobalt sup TOPIC TAGS: sulfochlorination, polystyrene, chlorine, sulfur dioxide, cobalt sup 60, sulfuryl chloride

ABSTRACT: Improved properties were anticipated from the sulfochlorination of polystyrene, achieved by reacting 1% polystyrene emulsion with chlorine and sulfur styrene, achieved by reacting 1% polystyrene emulsion with chlorine and dioxide (in molar ratios of 0.22:1 - 4.05:1) dissolved in carbon tetrachloride and dioxide (in molar ratios of 0.22:1 - 4.05:1) dissolved in carbon tetrachloride and subjected to Gamma-radiation from a Co sup 60 source. Over a range of 0 - 55C, the subjected to Gamma-radiation from a Co sup 60 source. Over a range of 0 - 55C, the subjected to rate increased with increasing temperature to a maximum at 40C. Increasement of the subject of

ABSTRACT: Improved properties were anticipated with chlorine and sulfur styrene, achieved by reacting 1% polystyrene emulsion with chlorine and sulfur styrene, achieved by reacting 1% polystyrene emulsion with chlorine and sulfur styrene, achieved to 0.22:1 - 4.05:1) dissolved in carbon tetrachloride and dioxide (in molar ratios of 0.22:1 - 4.05:1) dissolved in carbon tetrachloride and subjected to Gamma-radiation from a Co sup 60 source. Over a range of 0 - 55C, the subjected to Gamma-radiation from a Co sup 60 source. Over a range of 0 - 55C, the subjected to Gamma-radiation from a Co sup 60 source. Over a range of 0 - 55C, the subjected to Gamma-radiation had little effect on the process, which was all but ing the total dose of radiation had little effect on the process, which was all but ing the total dose of radiation had little effect on the process, which was all but ing the total dose of radiation had little effect on the process, which was all but ing the total dose of radiation had little effect on the process, which was all but ing the total dose of radiation had little effect on the process, which was all but ing the total dose of radiation had little effect on the process, which was all but ing the total dose of radiation had little effect on the process, which was all but ing the total dose of radiation had little effect on the process, which was all but ing the total dose of radiation had little effect on the process, which was all but ing the total dose of radiation had little effect on the process, which was all but ing the total dose of radiation had little effect on the process, which was all but ing the total dose of radiation had little effect on the process, which was all but ing the total dose of radiation had little effect on the process, which was all but ing the total dose of radiation had little effect on the process, which was all but ing the total dose of radiation had little effect on the process, which was all but ing the total dose of radiation had little effect on the process, w

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ASSOCIATION:	none			-	ENCL:	00		
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SOB COM: 1								•
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L 63<u>76-66</u> EWT(m)/EWP(j) RM

ACC NR: AP5026767

SOURCE CODE: UR/0286/65/000/017/0048/0049

AUTHOR: Fedchenko, V. S.; Kutsenko, A. I.

ORG: none

TITLE: A method of producing dyes for plastics. Class 22, No. 174300

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SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 17, 1965, 48-49

TOPIC TAGS: dye chemical, primary aromatic amine, organic azo compound, plastic industry

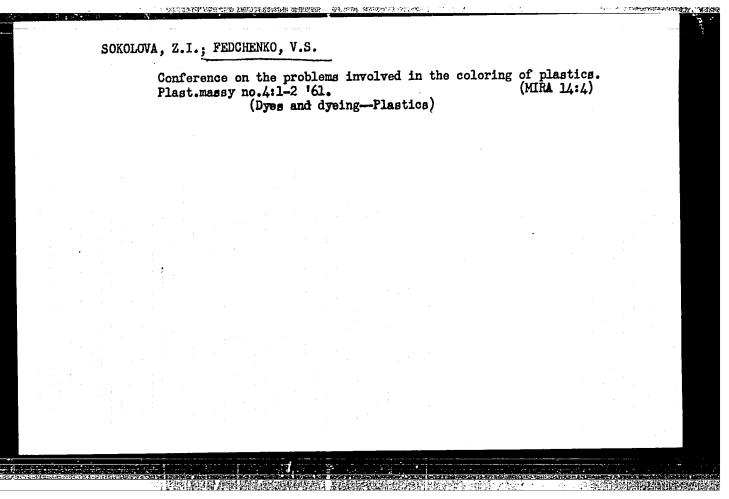
ABSTRACT: This Author's Certificate introduces a method of producing dyes for plastics by combining diazotized aromatic amines with an azo component. Di- and trialkylaryl phosphates are used as azo components to produce dyes with plasticizing properties, simplify the process of adding the dye and improve the dye quality.

UDC: 668.811.1:667.621.72

SUB CODE: GC,OC,MT/ SUBM DATE: 02Apr62/ ORIG REF: 000/ OTH REF: 000

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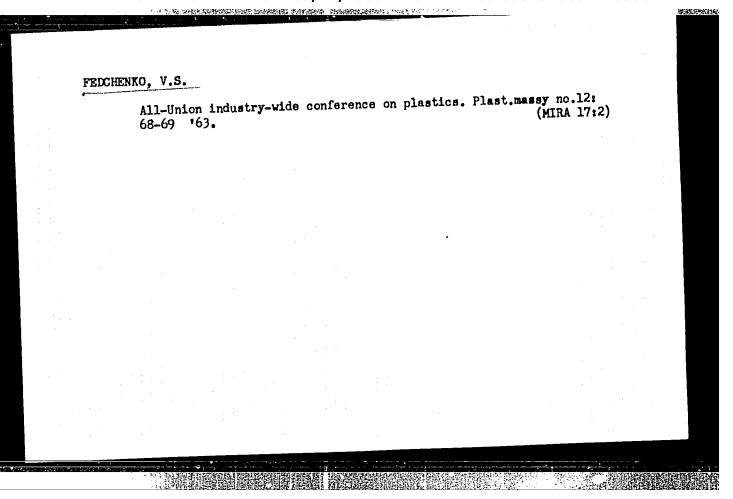
070/1926



FEDCHENKO, V.S.; MARTYNOVA, R.G.

Preparation of structurally colored resins. Plast.massy no.7:41-42 '61. (MIRA 14:7) (Dyes and dysing-Plastics)

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